	Application No.	Applicant(s)
Notice of Allowability	10/510,765	URUSHIHATA ET AL.
	Examiner	Art Unit
	Zelalem Eshete	3748
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this apportance or other appropriate communication GHTS. This application is subject to	plication. If not included will be mailed in due course. THIS
1. $igspace$ This communication is responsive to <u>the response to election</u>	on requirement filed on 2/28/2006.	
2. 🔀 The allowed claim(s) is/are <u>1-36</u> .		
<ol> <li>Acknowledgment is made of a claim for foreign priority unally All b) Some* c) None of the:</li> <li>Certified copies of the priority documents have</li> <li>Certified copies of the priority documents have</li> <li>Copies of the certified copies of the priority documents have</li> <li>More than the priority documents have</li> </ol>	been received. been received in Application No	
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS ( as "replacement sheets") mus	t be submitted.	
(a) 🔲 including changes required by the Notice of Draftspers	on's Patent Drawing Review ( PTO-	948) attached
1) 🔲 hereto or 2) 🗋 to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the		
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT		
Attachment(s)		
1. Notice of References Cited (PTO-892)		Patent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Da	
3. M Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 10/12/2006/		
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's Stateme 9. □ Other	ent of Reasons for Allowance

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## Petition

1. In view of the papers filed 2/28/2006, the inventorship in this nonprovisional application has been changed by the deletion of Hisashi IIDA.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of Office records to reflect the inventorship as corrected.

## **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Chris Comuntzis on 4/20/2006.

Claims 37 to 70 have been cancelled.

## Allowable Subject Matter

- 3. The following is an examiner's statement of reasons for allowance:
- 4. Regarding independent claims 1,11: The combinations including the limitation directed to required speed difference calculating means for calculating a required speed difference between said motor and said camshaft on a basis of said required valve timing change rate is not shown or rendered obvious in the prior art.

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5. Regarding independent claims 21,26,31: The combinations including the limitation directed to valve timing variation calculating means for calculating a valve timing variation with a predetermined computation period on a basis of a difference between the speed of said motor and the speed of said camshaft is not shown or rendered obvious in the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zelalem Eshete whose telephone number is (571) 272-4860. The examiner can normally be reached on Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Denion can be reached on (571) 272-4859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Zelalem Eshete

Examiner

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THOMAS DENION
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700